Title: METHOD AND SYSTEM FOR MATCHING AN INCIDENT TO A ROUTE  $\dot{\phantom{M}}$ 

Inventor:

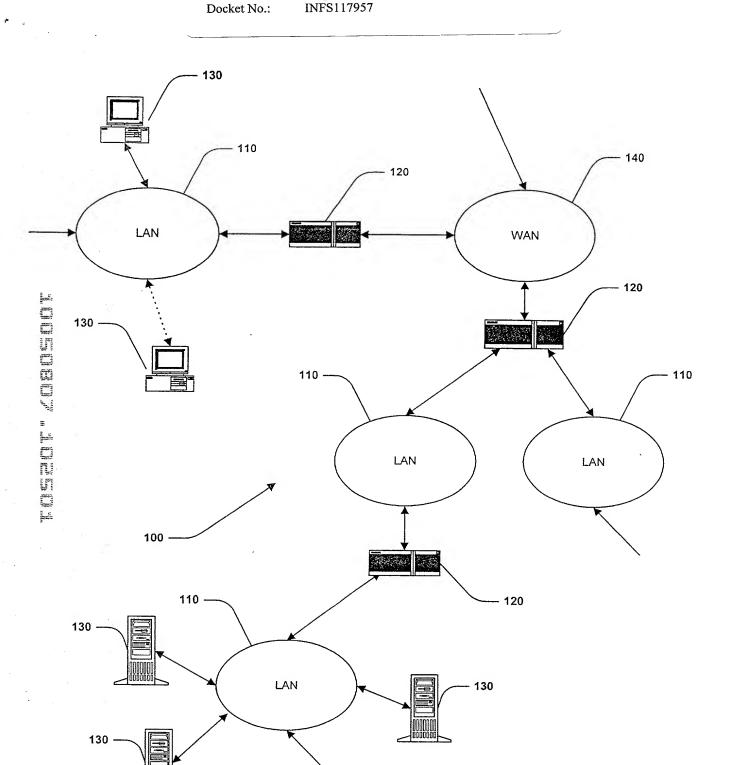


FIG. 1

INCIDENT TO A ROUTE

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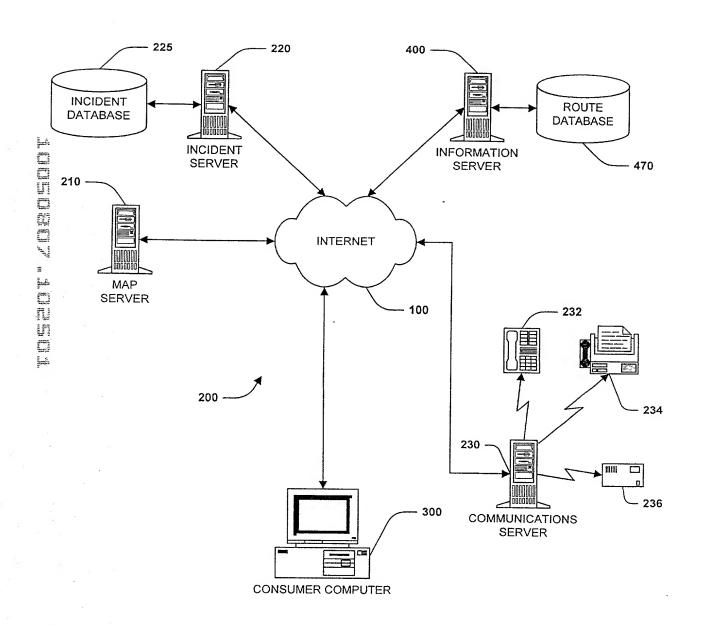


FIG. 2

Peeyush Ranjan INFS117957

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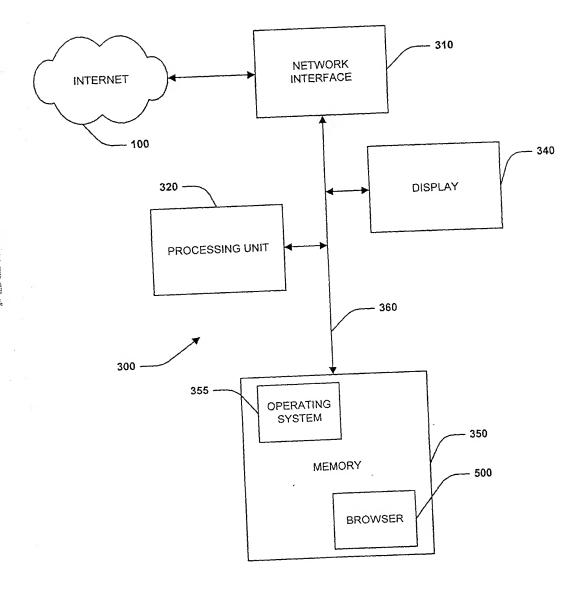


FIG. 3

INCIDENT TO A ROUTE

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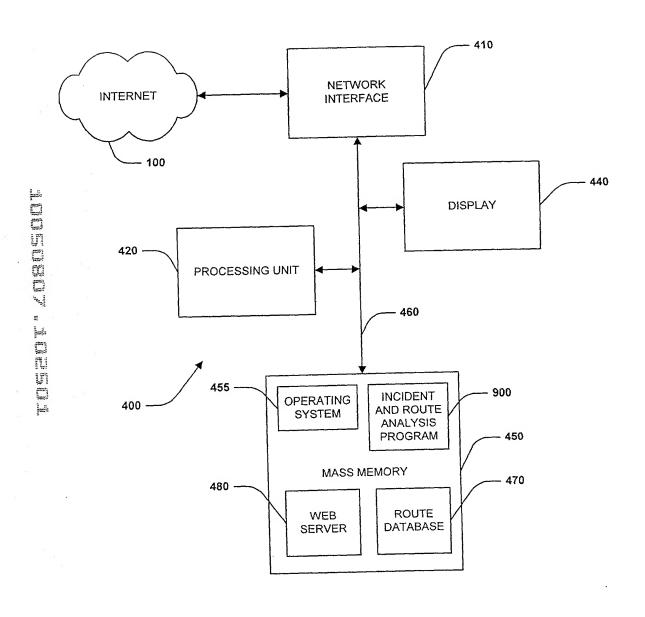


FIG. 4

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Docket No.: INFS117957

\$117717171	
BROWSER	
	510
ORIGINATION ADDRESS:	
CITY:	<b>×</b>
STATE: ZIP:	
DESTINATION ADDRESS:	
CITY:	
	500
STATE: ZIP:	
SUBMIT CLEAR	
^	

FIG. 5

INCIDENT TO A ROUTE

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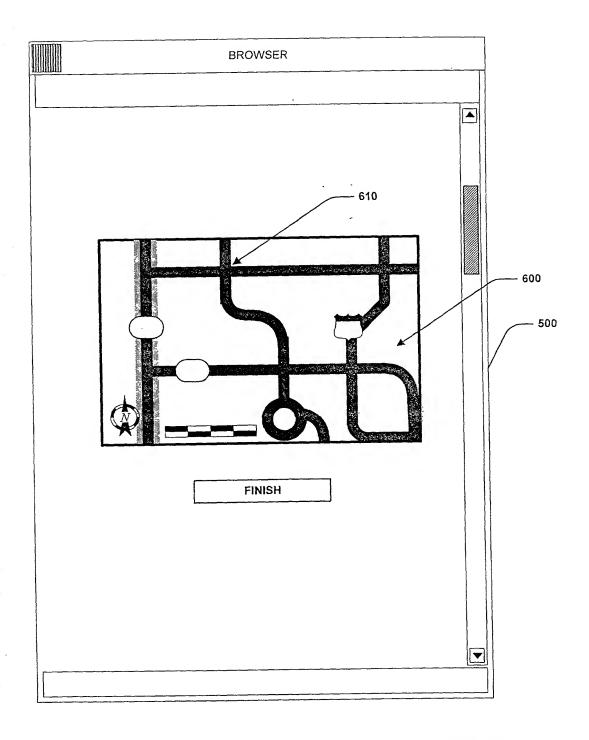


FIG. 6

INCIDENT TO A ROUTE

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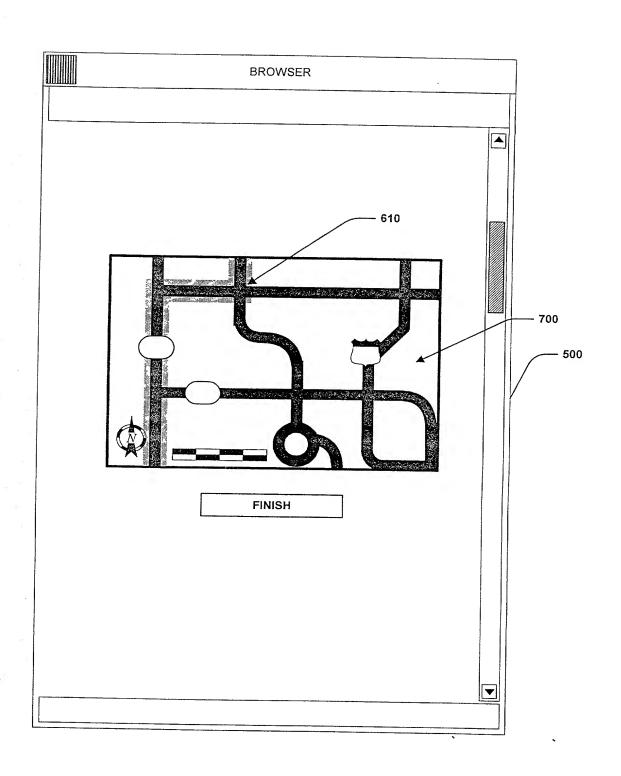


FIG. 7

INCIDENT TO A ROUTE.

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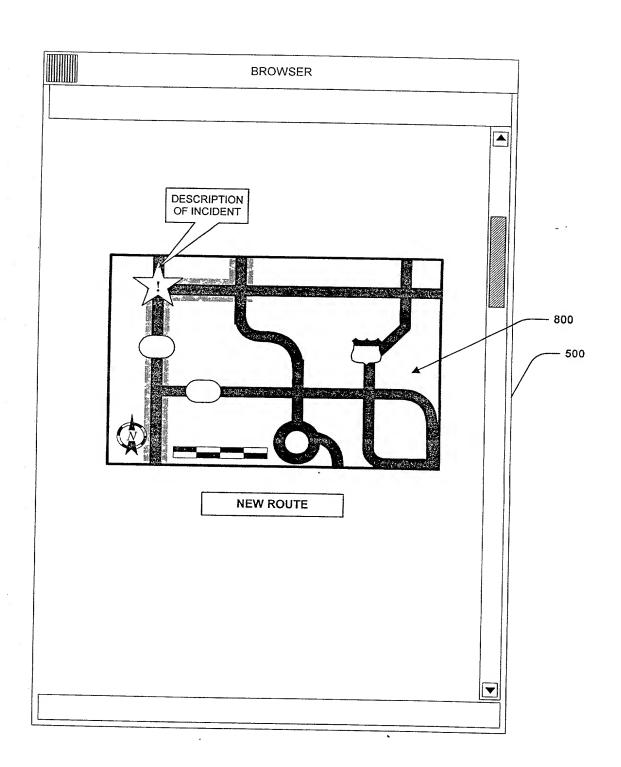
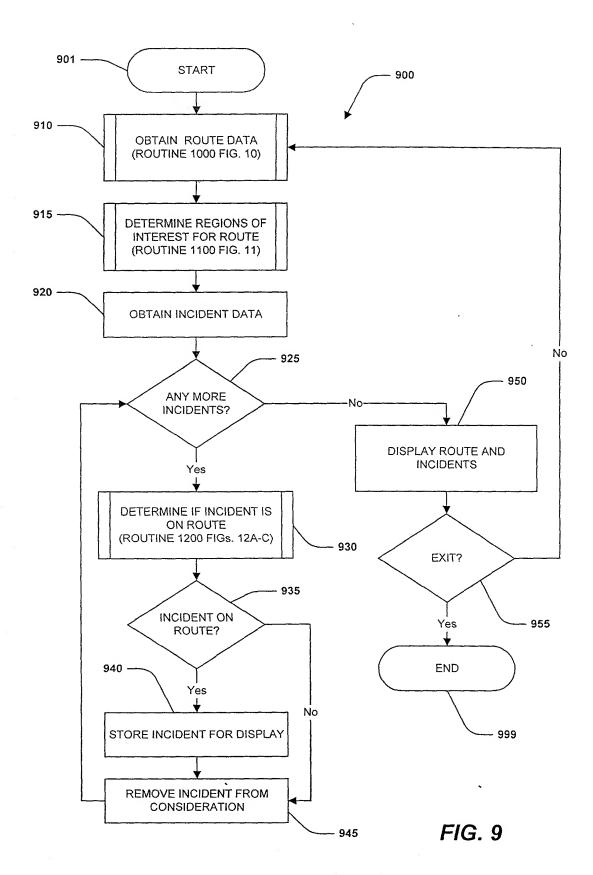


FIG. 8

INCIDENT TO A ROUTE

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Inventor:

Peeyush Ranjan

Docket No.: INFS117957

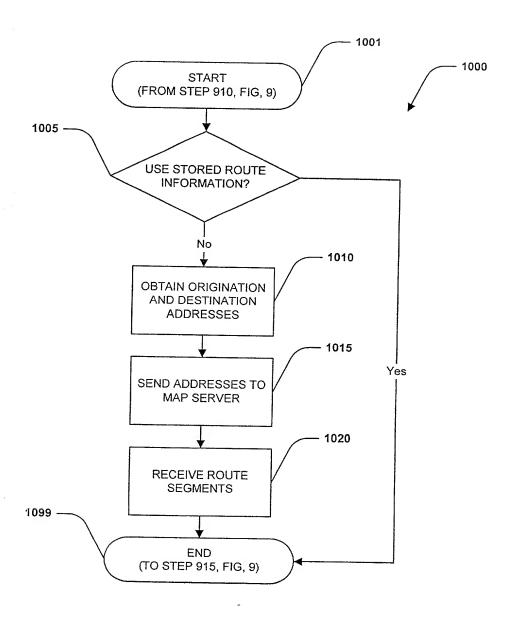
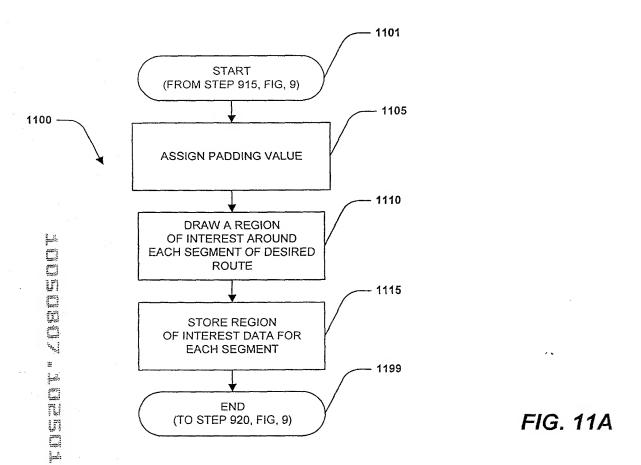
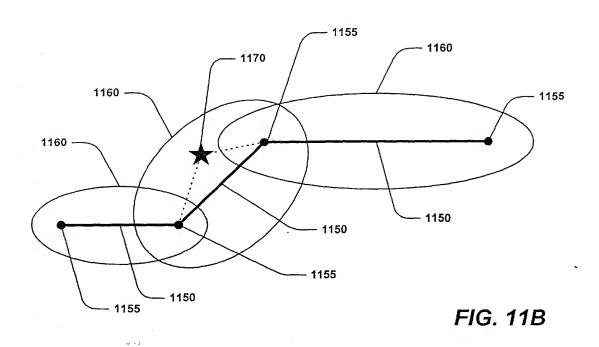


FIG. 10

INCIDENT TO A ROUTE '

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INCIDENT TO A ROUTE

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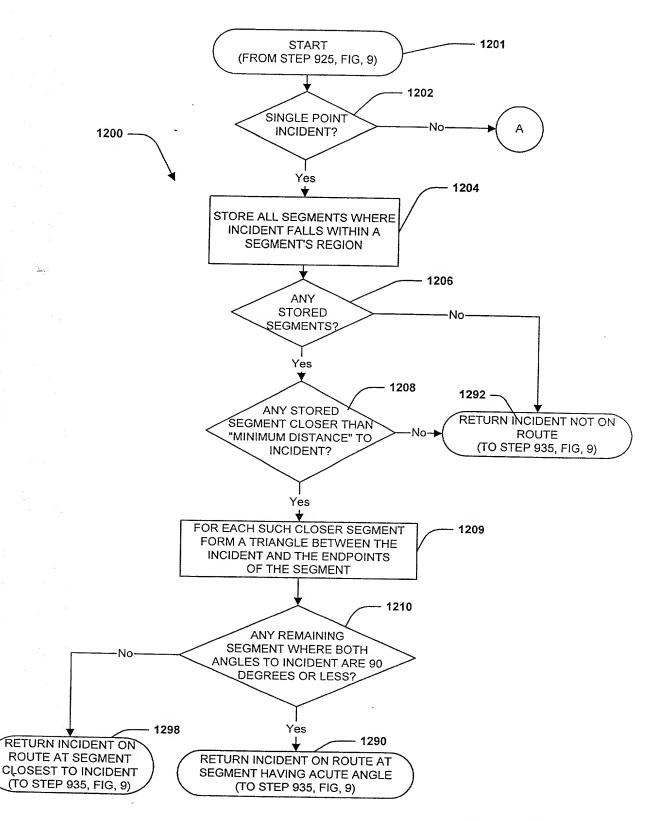


FIG. 12A

INCIDENT TO A ROUTE

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RETURN INCIDENT NOT ON - 1294 ROUTE (TO STEP 935, FIG, 9) 1214 -USE FIRST POINT IN No SEQUENCE OF A MULTI-POINT 1232 INCIDENT AS POINT OF INCIDENT ("POI") 1216 -STORE ALL SEGMENTS WHERE ANY REMAINING Yes-POI FALLS WITHIN AN ELLIPSE POINTS? 1218 -ANY STORED 1230 SEGMENTS No DISCARD POINT AND SET NEXT POINT IN SEQUENCE AS POI Yes 1220 -ANY STORED SEGMENT CLOSER THAN "MINIMUM DISTANCE" TO POI? Yes FOR EACH SUCH CLOSER SEGMENT FORM A TRIANGLE BETWEEN THE INCIDENT AND THE ENDPOINTS OF THE SEGMENT 1222 -ANY TRIANGLE WHERE BOTH ANGLES TO POI ARE 90 DEGREES OR LESS? 1224 1226 -Yes SET SEGMENT **CLOSEST TO POLAS** SET SEGMENT AS BEGINNING **BEGINNING OF INCIDENT** OF INCIDENT ON ROUTE ON ROUTE 1228 -REVERSE SEQUENCE

FIG. 12B

INCIDENT TO A ROUTE

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